

CLAIMS

1. (Currently Amended) A laminated golf club head face comprising:
a front face attachable to a golf club head body and having a front face center;
a back face having a back face center; and
a weld securing at least a portion of a periphery of the back face to the front face to separate the back face center from the front face center and to attach the front face to the back face only at the periphery of the back face, the back face having a tensile strength greater than or equal to a tensile strength of the front face and having a plasticity less than or equal to the front face.
2. (Previously Presented) A laminated golf club head face in accordance with claim 1, wherein the back face is configured to provide support to the front face to increase golf ball striking performance of the front face at least at one location on the front face other than a sweet spot.
3. (Original) A laminated golf club head face in accordance with claim 1, wherein the back face comprises a plurality of ridges extending away from the front face.
4. (Previously Presented) A laminated golf club head face in accordance with claim 1, wherein the back face has a back face area less than a front face area of the front face.
5. (Original) A laminated golf club head face in accordance with claim 1, wherein the back face contacts the front face only along a periphery of the back face.
6. (Currently Amended) A laminated golf club head face ~~in accordance with claim 5,~~
~~wherein the back face center of the back face is comprising:~~
a front face attachable to a golf club head body and having a front face center;
a back face having a back face center separated from the front face by a distance between one to three millimeters, the back face contacting the front face only along a periphery of the back face; and
a weld securing at least a portion of a periphery of the back face to the front face to separate the back face center from the front face center and to attach the front face to the back face only at the periphery of the back face.

7. (Original) A laminated golf club head face in accordance with claim 6, wherein the distance is approximately 2 millimeters.

8. (Previously Presented) A laminated golf club head face in accordance with claim 5, wherein the back face is sealed to the front face around the periphery of the back face and a sealed region between the front face and the back face contains a gas.

9. (Original) A laminated golf club head face in accordance with claim 1, wherein a front face thickness is greater than or equal to a back face thickness.

10. (Original) A laminated golf club head face in accordance with claim 9, wherein the front face thickness is between 1.2 millimeters and 2.5 millimeters and the back face thickness is between 0.7 millimeters and 2.5 millimeters.

11. (Original) A laminated golf club head face in accordance with claim 10, wherein the front face thickness is between 2.2 millimeters and 2.5 millimeters and the back face thickness is between 1.0 millimeters and 1.2 millimeters.

12. (Original) A laminated golf club head face in accordance with claim 1, wherein the back face is circular.

13. (Original) A laminated golf club head face in accordance with claim 1, wherein the back face is a polygon.

14. (Original) A laminated golf club head face in accordance with claim 1, wherein the back face is elliptical.

15. (Original) A laminated golf club head face in accordance with claim 1, wherein the back face is a square.

16. (Currently Cancelled)

17. (Original) A laminated golf club head face in accordance with claim 1, wherein an area of the back face is between 40 percent and 90 percent of an area of the front face.

18. (Original) A laminated golf club head face in accordance with claim 17, wherein the area of the back face is between 70 percent and 90 percent of the area of the front face.

19. (Original) A laminated golf club head face in accordance with claim 1, further comprising another back face secured to the back face.

20. (Currently Amended) A golf club head comprising:
a golf club head body having a curved surface extending inwardly from a front peripheral surface; and
a laminated golf club head face connected to the golf club head at the peripheral front surface to form a hollow interior between the laminated golf club head face and an inner surface of the golf club head body, the laminated golf club head face comprising:
a front face attached to the golf club head body and having a front face center;
a back face having a back face center; and
a weld securing at least a portion of a periphery of the back face to the front face to separate the back face center from the front face center and to attach the front face to the back face only at the periphery of the back face.

21. (Previously Presented) A laminated golf club head in accordance with claim 20, wherein the back face is configured to provide support to the front face to increase golf ball striking performance of the front face at least at one location on the front face other than a sweet spot.

22. (Original) A laminated golf club head face in accordance with claim 20, wherein the back face comprises a plurality of ridges extending away from the front face.

23. (Previously Presented) A laminated golf club head in accordance with claim 20, wherein the back face has a back face area less than a front face area of the front face.

24. (Original) A laminated golf club head in accordance with claim 20, wherein the back face contacts the front face only along a periphery of the back face.

25. (Original) A laminated golf club head in accordance with claim 24, wherein a center of the back face is separated from the front face by a distance between one to three millimeters.

26. (Original) A laminated golf club head in accordance with claim 25, wherein the distance is approximately 2 millimeters.

27. (Currently Amended) A laminated golf club head in accordance with claim 24, wherein the back face is sealed to the front face around the periphery of the back face and a sealed region between the front face and the back face contains a gas.

28. (Original) A laminated golf club head in accordance with claim 20, wherein a front face thickness is greater than or equal to a back face thickness.

29. (Original) A laminated golf club head in accordance with claim 28, wherein the front face thickness is between 1.2 millimeters and 2.5 millimeters and the back face thickness is between 0.7 millimeters and 2.5 millimeters.

30. (Original) A laminated golf club head in accordance with claim 29, wherein the front face thickness is between 2.2 millimeters and 2.5 millimeters and the back face thickness is between 1.0 millimeters and 1.2 millimeters.

31. (Original) A laminated golf club head in accordance with claim 20, wherein the back face is circular.

32. (Original) A laminated golf club head in accordance with claim 20, wherein the back face is a polygon.

33. (Original) A laminated golf club head in accordance with claim 20, wherein the back face is elliptical.

34. (Original) A laminated golf club head in accordance with claim 20, wherein the back face is a square.

35. (Currently Amended) A laminated golf club head ~~in accordance with claim 20,~~ wherein ~~a tensile strength of the back face is greater than or equal to a tensile strength of the front face and a plasticity of the front face is greater than or equal to a plasticity of the back face comprising:~~

a golf club head body; and
a laminated golf club head face comprising:
a front face attached to the golf club head body and having a front
face center;
a back face having a back face center; and
a weld securing at least a portion of a periphery of the back face
to the front face to separate the back face center from the front face
center and to attach the front face to the back face only at the periphery
of the back face, the back face having a tensile strength greater than or
equal to a tensile strength of the front face and a plasticity less than or equal to a plasticity of
the front face.

36. (Original) A laminated golf club head in accordance with claim 20, wherein an area of the back face is between 40 percent and 90 percent of an area of the front face.

37. (Original) A laminated golf club head in accordance with claim 36, wherein the area of the back face is between 70 percent and 90 percent of the area of the front face.

38. (Original) A laminated golf club head in accordance with claim 20, further comprising another back face secured to the back face.

39-48 (Cancelled)

49. (Currently Amended) A golf club head face comprising:
a front face attachable to a golf club head body;
a back face; and
a weld securing at least a portion of a periphery of the back face to the front face to attach the front face to the back face only at the periphery of the back face, the back face configured to provide support to the front face to increase golf ball striking performance of the front face at least at one location on the front face other than a sweet spot, the back face having a tensile strength greater than or equal to a tensile strength of the front face and a plasticity less than or equal to a plasticity of the front face.

50. (Previously Presented) A golf club head face in accordance with claim 49, wherein the back face secured to the front face only at the periphery of the back face.

51. (Previously Presented) A golf club head face in accordance with claim 49, wherein the back face comprises a plurality of ridges extending away from the front face.

52. (Previously Presented) A golf club head face in accordance with claim 49, wherein the back face is smaller than the front face.

53. (Previously Presented) A golf club head face in accordance with claim 49, wherein the back face contacts the front face only along a periphery of the back face.

54. (Previously Presented) A golf club head face in accordance with claim 53, wherein a center of the back face is separated from the front face by a distance between one to three millimeters.

55. (Previously Presented) A golf club head face in accordance with claim 54, wherein the distance is approximately 2 millimeters.

56. (Previously Presented) A golf club head face in accordance with claim 53, wherein the back face is sealed to the front face around the periphery of the back face and a sealed region between the front face and the back face contains a gas.

57. (Previously Presented) A golf club head face in accordance with claim 49, wherein a front face thickness is greater than or equal to a back face thickness.

58. (Previously Presented) A golf club head face in accordance with claim 57, wherein the front face thickness is between 1.2 millimeters and 2.5 millimeters and the back face thickness is between 0.7 millimeters and 2.5 millimeters.